

[0056] The attachable state detecting means 30 detects the connecting terminal 21 to which the electronic paper 101 is attached, and then obtains the connecting terminal ID Number of thus detected connecting terminal 21 from the first storage means 105 (FIG. 11, S111). For instance, when the electronic paper 101 is attached to the connecting terminal 21 of the connecting terminal ID No. 1 and the other electronic paper 101 is attached to the connecting terminal 21 of the connecting terminal ID No. 3, the attachable state detecting means 30 is to obtain the connecting terminal ID Nos. 1 and 3 from the first storage means 105.

[0057] And then, the attachable state detecting means 30 imparts a number for discriminating the connecting order (which is called connecting order ID No.) to the connecting terminals 21 of thus obtained connecting terminal ID Nos. 1 and 3 (FIG. 11, S112). That is to say, the electronic papers are attached to the connecting terminal 21 at the nearest position to the cover sheet 31 (the connecting terminal ID No. 1) and to the connecting terminal 21 near the third to the cover sheet 31, respectively. Accordingly, the attachable state detecting means 30 imparts to the connecting terminal 21 of the connecting terminal ID No. 1 the connecting order ID No. C1 representing that the attached electronic paper is the nearest to the cover sheet 31 (which will be explained later), while imparting to the connecting terminal 21 of the connecting terminal ID No. 3 the connecting order ID No. C2 representing that the attached electronic paper is near the second to the cover sheet 31.

[0058] In addition, the attachable state detecting means 30 stores in the first storage means 105 the records to the effect that the connecting order ID Nos. C1 and C2 were imparted as above (FIG. 11, S113), and notifies the first display control means 106 of those connecting order ID Nos. C1 and C2. Thereby, in response to the notice, the first display control means 106 transfers display-data to the connecting terminals 21 of those connecting terminal ID Nos. 1 and 3. As configured in such way, it is possible to display the display-data in the order in which the electronic paper is nearer to the cover sheet, without transferring (omitting the display) the display-data to the connecting terminal 21 to which the electronic paper is not connected (FIG. 11, S114).

[0059] Besides, in the above explanation there is an expression that the connecting order ID number is imparted to the connecting terminal; however, the definite method for imparting the connecting order ID number is not particularly restricted to this. For instance, in case where the first storage means 105 stores the connecting terminal ID Nos. 1 to 4, regarding the connecting ID Nos. 1 and 3 of the connecting terminals 21 that are attached to the electronic paper 101 flags may be hang in the storage areas corresponding respectively. Thereby, it may be considered that the connecting order ID No. C1 is imparted to the connecting terminal 21 of the connecting terminal ID No. 1 and the connecting order ID No. C2 is imparted to the connecting terminal 21 of the connecting terminal ID No. 3.

[0060] The following explains about the method that the attachable state detecting means 30 detects the connecting terminal 21 to which the electronic paper 101 is attached.

[0061] As shown in FIG. 12, the cover 102 is provided with the attachable state detecting means 30, from which two signals indicating "1" are outputted to the respective connecting terminals 21. At this time, in case where the

electronic paper 101 is attached to the connecting terminal 21, the two "1" signals are inputted to AND gate 33 of display driver part 12 of the electronic paper through the connecting terminal 13 of the electronic paper. And then the "1" signals are sent back to the attachable state detecting means 30 via the connecting terminal 13 and the connecting terminal 21. Under this arrangement, the attachable state detecting means 30 can detect that the electronic paper 101 is connected with the connecting terminal 21 that is a sending side of the electric signal.

[0062] Otherwise, as shown in FIG. 13, even in case where a push-button 34 is provided on inside of the spine board 103 of the cover 102, it is possible to obtain the same effect as above. That is to say, it is arranged that at the same time that the electronic paper 101 is attached to a specific connecting terminal 21, the push-button be pressed down by the electronic paper 101. According to such configuration, the attachable state detecting means 30 can detect the electronic paper 101 is attached to the specific connecting terminal 21 by the pressing-down of the push-button 34.

[0063] Or, as shown in FIG. 14, a photo-coupler 35 emitting light in the direction of a projecting part of the connecting terminal 21 is provided on the cover 102. The attachable state detecting means 30 may detect the attaching of the electronic paper 101 on the basis of the reflected light volume of the emitted light. That is to say, when the electronic paper 101 is attached to the connecting terminal 21, the light emitted from the photo-coupler 35 is reflected on the electronic paper 101. Thereby, the attachable state detecting means 30 can recognizes that the photo-coupler 35 receives a specific volume of reflected light, and then detects that the electronic paper 101 is attached to the connecting terminal 21.

[0064] The above description refers to the structure that the connecting terminal 21 of the cover is fixed on the spine board 103, but it is convenient that the connecting terminal 21 can be rotated as follows.

[0065] That is to say, as shown in FIG. 15, the connecting terminal 21 is arranged that fitting parts 50a and 50b are provided at upper and lower ends of the movable axis part 50 with a specific length and in a cylindrical form and be mutually and freely connectable with the upper and lower ends of the other movable axis parts 50. A reflector 53 is provided on the inside of the circumference of the movable axis part 50, as shown in FIG. 16(b), of which the width is getting narrow along the circumference aspect. In addition, the connecting terminal 21 of the cover is provided in the direction of the axis on the outside of the movable axis part 50. Thus structured movable axis parts 50 are connected with each other, and thereby the connecting unit 52 is configured.

[0066] On the other hand, as shown in FIG. 17, the photo-coupler is fixed on an element fixing axis 55 of the movable axis part 50 so as to face with the reflector 53. The element fixing axis 55 is inserted in the connecting unit 52 and fixed on axis end part 56. The axis end part 56 is provided rotatably with the upper and lower ends and fixed into the spine board 103. Regarding means for fixing the axis end part 56 to the spine board 103 and for fixing the both ends of the element fixing axis 55 with the both ends of the axis end part 56, since those do not configure the essential part of the invention, said means are not explained in detail here.